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Education

Ph.D., University of Wisconsin-Madison

M.S., University of Wisconsin-Madison

B.S., University of Wisconsin-Madison

Experience

Food Microbiology, Bacteriology, and Food Safety

Research

Microbiological food safety; growth and survival of psychrotrophic pathogens in foods; physical/chemical controls for pathogens in foods; and microbial ecology of plant products.

Memberships

Member, International Association for Food Protection; Institute of Food Technologists; American Society for Microbiologists; Sigma Xi (Honor Society for Scientists); Phi Tau Sigma (Honor Society for Food Science and Technology); Phi Beta Delta (Honor Society for International Scholars) Editorial Board Member, Journal of Food Science; Journal of Food Protection Technical Reviewer, Journal of Food Protection; Applied and Environmental Microbiology (past Editorial Board member); Food Technology; Journal of Food Quality; Italian Journal of Food Science; Journal of Agriculture and Food Chemistry; Food Microbiology; International Journal of Food Microbiology; Journal of the Science of Food and Agriculture; Trends in Food Science and Technology; Emerging and Infectious Diseases; Journal of Food Safety; Journal of Chemical Education.

Publications

Becker, R. A., Janus, E. R., White, R. D., Kruszewski, F. H., & Brackett, R. E. (2009). Good laboratory practices and safety assessments. *Environmental Health Perspectives*, 117(11), 482-483.

Seo, K. H., & Brackett, R. E. (2005). Rapid, specific detection of *Enterobacter sakazakii* in infant formula using a real-time PCR assay. *Journal of Food Protection*, 68(1), 59-63.

Seo, K. H., Brackett, R. E., Valentin-Bon, I. E., & Holt, P. S. (2003). Comparison of homogenization methods for recovering *Salmonella Enteritidis* from eggs. *Journal of Food Protection* 66(9), 1666-1669.

Guo, X., Chen, J., Brackett, R. E., & Beuchat, L. R. (2001). Survival of salmonellae on and in tomato plants from the time of inoculation at flowering and early stages of fruit development through fruit ripening. *Applied and Environmental Microbiology*, 67(10), 4760-4764.

Brackett, R.E. (1999). Incidence, contributing factors, and control of bacterial pathogens in produce. *Postharvest Biology and Technology*, 15(3), 305-311.

Brackett, R. E., Hao, Y. Y., & Doyle, M. P. (1994). Ineffectiveness of Hot Acid Sprays to Decontaminate Escherichia-Coli 0157-H7 on Beef. *Journal of Food Protection*, 57(3), 198-203.

Brackett, R. E. (1992). Shelf Stability and Safety of Fresh Produce as Influenced by Sanitation and Disinfection. *Journal of Food Protection*, 55(10), 808-814.

Brackett, R. E. (1988). Presence and Persistence of Listeria-Monocytogenes in Food and Water. *Food Technology*, 42(4), 162-164.

Brackett, R. E. (1987b). Microbiological Consequences of Minimally Processed Fruits and Vegetables. *Journal of Food Quality*, 10(3), 195-206.